the early morning and ended 7.45 a.m.; a barn was struck the wind reached a velocity of 51 miles per hour from the by lightning and burned. A thunderstorm, with exception- northwest. Damage was caused by heavy wind about Dyally high wind, visited Thornville, Mich., in the afternoon.

in the early morning. At Madison, Me., a set of farm build- heavy rain, and hail were reported, and a man was killed by a ings were destroyed. In New Hampshire and Vermont a falling tree. number of buildings were struck by lightning and burned. At Taunton, Mass., a barn was struck by lightning and ity of 100 miles per hour from the northwest, and snow fell burned. At Nahant, Mass., several houses were unroofed, on the summit of Mount Washington, N. H. An exceptionand a number of vessels dragged anchor and parted cables, ally heavy rain and thunder storm was reported at Brunswick, At Narragansett Pier, R. I., a thunderstorm prevailed from Ga., in the morning; streets were flooded, causing great dama. m., causing damage of a minor character. At Woods Holl, Mass., the wind reached a velocity of 52 miles per hour from High northwest winds prevailed over New York. In Brooklyn, N. Y., several unfinished buildings were blown down, and two boys and a man were killed.

the night. At Cheboygan, Mich., a thunderstorm began in small vessels were driven ashore or sunk. At Oswego, N. Y., berry, Pa. At Lodi, Cal., a thunderstorm occurred between **26th.**—Severe thunderstorms occurred in New England 8 and 11 p. m.; east of that place, at Clements, high wind.

27th.—The night of the 26-27th the wind reached a veloc-At New Haven, Conn., high wind began 10 age to property. A heavy thunderstorm from the northwest visited Columbia, Mo., in the evening.

> 28th.—Stock was killed by lightning at Irena, Mo., and damage was caused by lightning at Clinton, Mo.

29th.—A severe rain, wind, and hail storm visited Eagle Many Pass, Tex., about 6 p. m.

INLAND NAVIGATION.

STAGE OF WATER IN RIVERS.

The following table shows the danger-points at the various river stations; the highest and lowest stages for the month, with the dates of occurrence, and the monthly ranges:

Heights of rivers above low-water mark, Sept., 1892 (in feet and tenths).

Stations.	Danger- point on gauge.	Highest water.		Lowest water.		nthly inge.
		Height.	Date.	Height.	Date.	Month range.
Red River.						
Shreveport, La	29.9	4.6	19, 20	1.7	15, 30	2.9
Fort Smith, Ark	22.0	6.2	2	1.5	30	4.7
Little Rock, Ark	23.0	9.2	4	6.3	29, 30	2.9
Fort Buford, N. Dak		7.0	1	4.9	29	2.1
Bismarck, N. Dak		2.5	1, 2, 8	1.8	26-30	0.7
Pierre, S. Dak	44.0	1.6	1-4	0.5	30	1.1
Sioux City, Iowa	18.7	6.4	I	5.1	30	1.3
Omaha, Nebr		7.8	I, 2	5-9	30	1.9
Kansas City, Mo	21.0	8.1	1	5.8	29, 30	2.3
Saint Paul, Minn	14.0	4-1	14	2.9	28	1.2
La Crosse, Wis	11.8	3.6	15-17	2.4	30	1.2
Dubuque, lowa	16.0	4.8	20	3.5	30	1.3
Davenport, Iowa	15.0	3.2	11, 12, 16-18	2.2	9	1.0
Keokuk, Iowa	14.0	3·5 4·8	I	2.2	30	1.3
Hannibal, Mo	17.0	4.8	I	3.4	9, 10, 30	1.4
Saint Louis, Mo	30.0	9.6	I	6.8	30	2.8
Cairo, Ill	40-0	10.1	I	7.0	30	3. į
Memphis, Tenn	33.0	7.7	I	5.1	30	2.6
Vicksburg, Miss	41.0	11.2	I	5.3	30	5.9
New Orleans, La	13.0	5.2	12	3.5	21-23	1.7

Heights of rivers—Continued.

Stations.	Danger- point on gauge.	Highest water.		Lowest water.		onthly range.
		Height.	Date.	Height.	Date.	Mon
Ohio River,						
Parkersburg, W. Va	38.0	5.0	2	1.9	28	3.1
Cincinnati, Ohio	45.0	7.2	7	4.8	19, 20	2.4
Louisville, Ky	24.0	4.1	8,9	3.4	22, 23	0.7
Nashville, Tenn	40.0	2.3	5,6	1.1	30	1.2
Chattanooga, Tenn	33.0	4.6	17	1.3	5	3.3
Knoxville, Tenn	29.0		•••••••••••••••••••••••••••••••••••••••			
Pittsburg, Pa	29.0	6.2	12, 18	4.8	23	1-4
Augusta, Ga	32.0	20.8	23	5-9	10, 12	14.9
Portland, Oregon	15.0	3.6	6,7	1.2	30	2.4
Harrisburg, Pa	17.0	2.9	I	1.1	29, 30	1.8
Montgomery, Ala	48.0	7.2	25	1.8	12	5-4

At Chattanooga, Tenn., navigation on the Tennessee River was suspended on the 9th on account of low water; on the 15th, 16th, and 17th the river rose slowly, and on the 17th navigation opened on the upper Tennessee; on the 18th the river was falling; on the 21st navigation was again closed on account of low water; on the 25th and 26th the river rose slowly.

ATMOSPHERIC ELECTRICITY.

THUNDERSTORMS.

Description of the more severe thunderstorms of the month is given under "Local storms."

Thunderstorms were reported as follows: East of the Rocky Mountains they were reported in the greatest number of states, 24, on the 26th; in 23 on the 9th and 25th; in 15 | Maine, Massachusetts, New Hampshire, New Jersey, Rhode to 20 on the 4th, 5th, 7th, 8th, 10th, 12th, 13th, 19th, 20th, Island, and Vermont. and 21st; in 10 to 14 on the 3d, 6th, 11th, 14th, 22d, 23d, 24th, and 27th; in 5 to 9 on the 1st, 2d, 16th, 17th, 18th, 28th, 29th, and 30th. The only date on which they were re-California, on the 7th, 8th, 18th, 24th, 25th, 26th, 28th, 29th, ported in less than 5 states was the 15th, when they were and 30th; in Colorado on the 1st to 4th, 18th, 19th, 20th, noted in Florida and New York.

on the greatest number of dates, 30, in Florida; on 15 to 20 in New Mexico on the 4th, 5th, 7th, 9th, and 10th; in Utah in Georgia, Iowa, Michigan, Mississippi, North Carolina, on the 2d, 26th, 28th, 29th, and 30th; in Washington on the

Pennsylvania, and Wisconsin; on 10 to 14 in Alabama, Illinois, İndiana, Kansas, Kentucky, Louisiana, Missouri, Nebraska, New York, Ohio, South Carolina, South Dakota, Tennessee, and Texas; on 5 to 9 in Arkansas, Maryland, Minnesota, Montana, North Dakota, Oklahoma, Virginia, and West Virginia; and on 1 to 4 in Connecticut, District of Columbia,

West of the Rocky Mountains thunderstorms were reported in Arizona on the 1st, 5th to 10th, 24th, 27th, and 30th; in California, on the 7th, 8th, 18th, 24th, 25th, 26th, 28th, 29th, 28th, and 29th; in Idaho on the 29th; in Nevada on the 1st, East of the Rocky Mountains thunderstorms were reported 2d, 9th, 14th, 19th, 24th, 25th, 26th, 28th, 29th, and 30th;